

**REMARKS**

**INTRODUCTION**

Claims 1-13 are now pending and under consideration.

No new matter is being presented, and approval and entry are respectfully requested.

**CONCLUSION**

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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Date: 29 May 2003

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE SPECIFICATION:**

Please REPLACE the paragraph that begins at page 8, line 2 with the following:

An image produced by the image pickup device 20 is stored in the image memory [26] 36. The image processor 33 conducts processing of the image stored in the image memory according to a command from the processor 31 to recognize the object. The image processing device 30 is similar in configuration and function to an image processing device in the prior art. However, according to the present invention, the image processing device 30 is characterized in that teaching models (described later) are stored in the non-volatile memory 37, and pattern matching is carried out by using the stored teaching models, for the image data of the pile of workpieces photographed by the image pickup device 20 to obtain three-dimensional position and posture of the workpiece.